

CLAIMS

What is claimed is:

Sub 11

1. A method for providing a video display image, comprising the steps of:
 - 5 - receiving a video data stream and an associated data stream corresponding to the video data stream;
displaying a video image defined by the video data stream on a display device and performing an interactive command function specified by the associated data stream.
- 10 2. The method of claim 1, wherein the video data stream is received during a series of scan intervals of a video frame and the associated data stream is received during a vertical blanking interval of the video frame.
- 15 3. The method of claim 1, wherein the video data stream and the associated data stream each comprise a series of digital communication packets, each digital communication packet having an identifier that indicates the video data stream or the associated data stream.
- 20 4. The method of claim 1, wherein the interactive command function comprises a command that specifies a set of parameters that determines an area on a display surface of the display device for placement of a video display window that contains the video image.
- 25 5. The method of claim 1, wherein the interactive command function comprises a command that specifies a set of parameters that determines an

area on a display surface of the display device for placement of a graphical object that corresponds to the video image.

6. The method of claim 5, wherein the interactive command function comprises a command that specifies a set of pixel data or graphical description commands that correspond to the graphical object.

7. The method of claim 1, wherein the interactive command function comprises a command that specifies a set of parameters that determines an area on a display surface of the display device for placement of a selection window that corresponds to the video image.

8. The method of claim 7, wherein the interactive command function comprises a command that specifies an interactive command that is performed if a user selects the selection window.

9. A method for creating a display in a computer system, comprising the steps of:

receiving a video stream and a data stream synchronized to the video stream, the data stream specifying at least one graphical command;

generating a video scene defined by the data stream onto a portion of a display screen of the computer system;

performing a graphical operation on the computer screen defined by the command.

10. The method of claim 9, further comprising the steps of receiving an audio stream synchronized to the video stream and playing the audio stream through an audio subsystem of the computer system.

5 11. The method of claim 9, wherein the video stream is coded in a series of video scan intervals of a video signal and the data stream is coded in a series of nonvideo scan intervals of the video signal.

10 12. The method of claim 9, wherein the data stream specifies a graphical object for display on the display screen.

13. The method of claim 9, wherein the graphical command specifies a color palette for the display screen.

15 14. The method of claim 9, wherein the graphical command specifies placement of a graphical object on the display screen.

15. The method of claim 9, wherein the graphical command specifies a set of parameters that define selection regions on the display screen.

20 16. The method of claim 15, wherein the graphical command specifies a selection device for picking the selection regions on the display screen.

25 17. The method of claim 9, wherein the graphical command specifies text for display on the display screen.

18. The method of claim 17, wherein the graphical command specifies placement and format of the text including font, color, and point size.

19. The method of claim 9, wherein the data stream comprises a series of data packets and wherein the step of receiving a video stream and a data stream synchronized to the video stream includes the step of filtering the data packets according to a destination address of each data packet.

20. The method of claim 9, wherein the data stream comprises a series of data packets and wherein the step of receiving a video stream and a data stream synchronized to the video stream includes the step of filtering the data packets according to a source address of each data packet.

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